FIGURE 1A

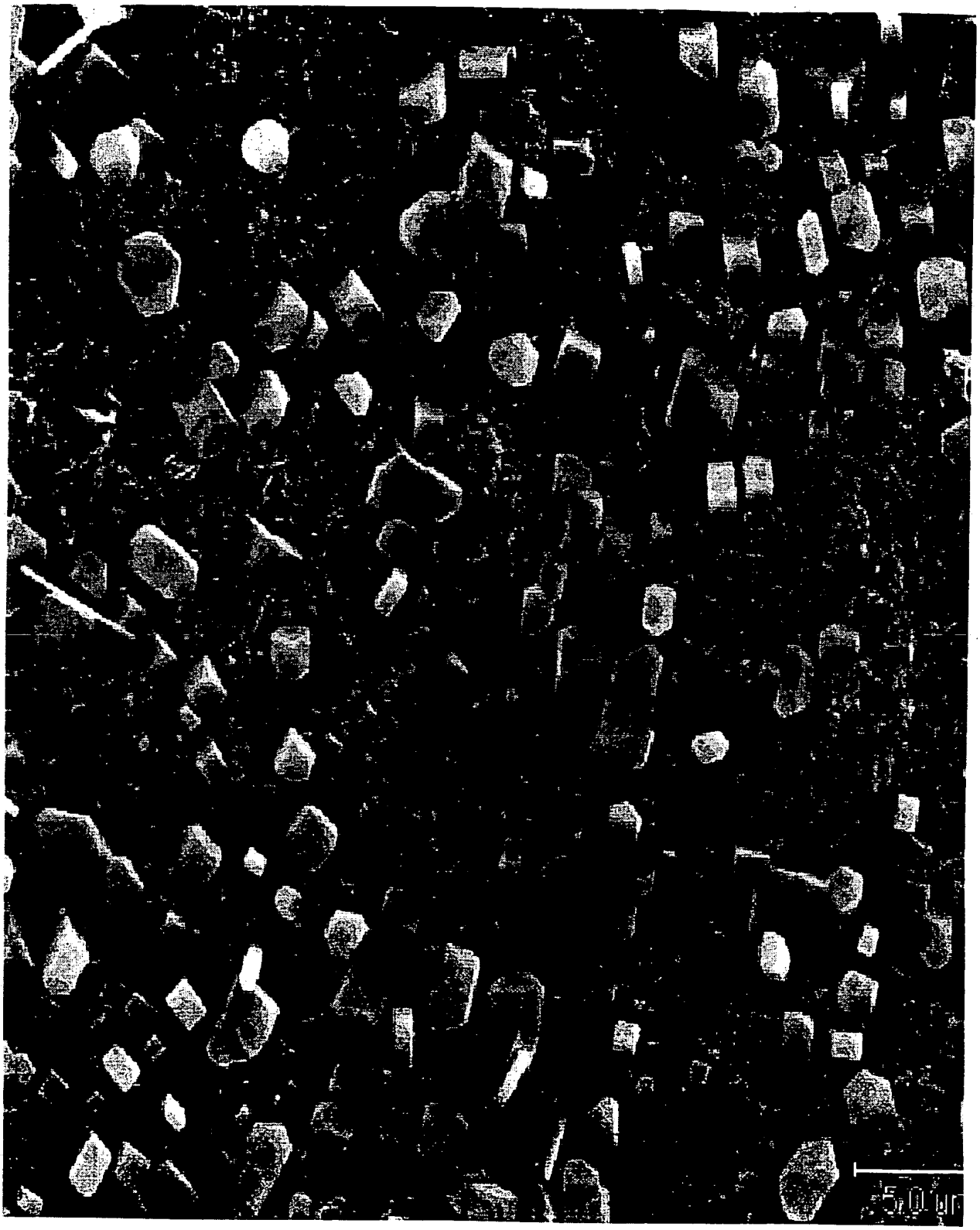
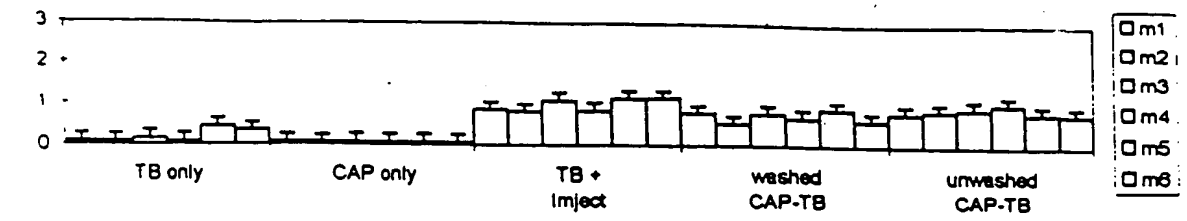
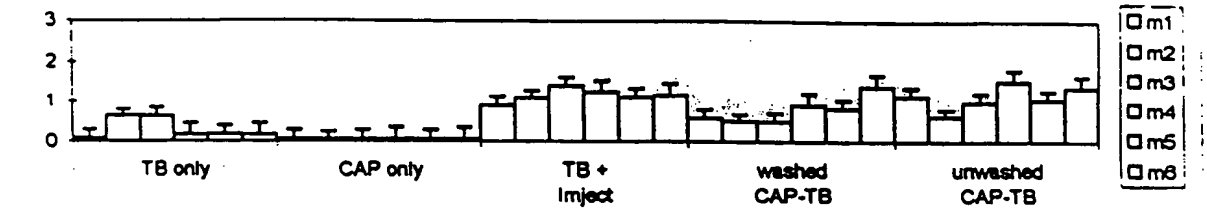


FIGURE 1B

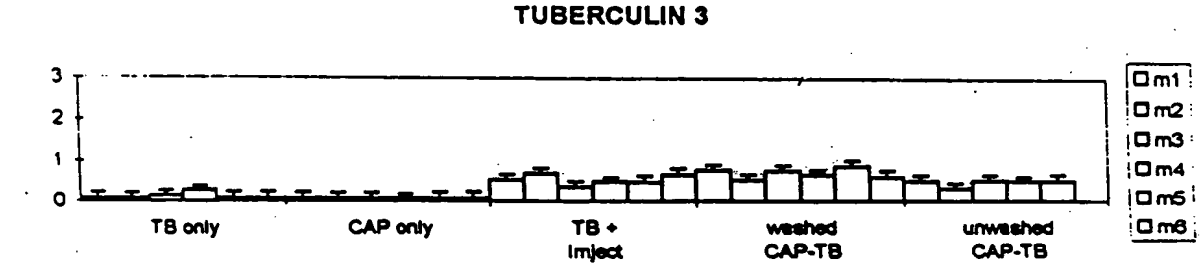
2A



2B



2C



2D

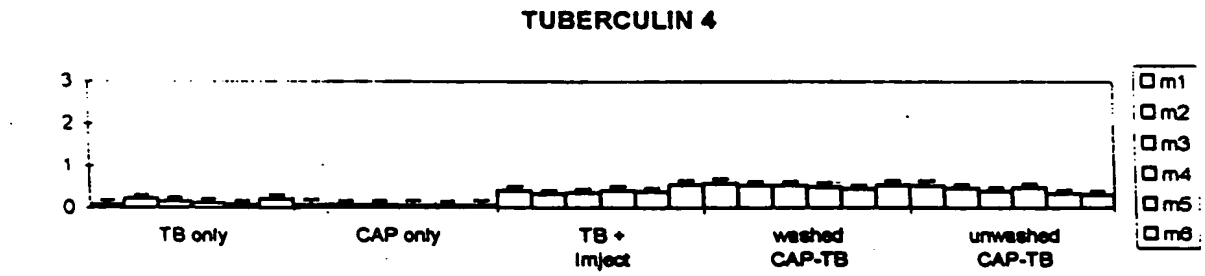
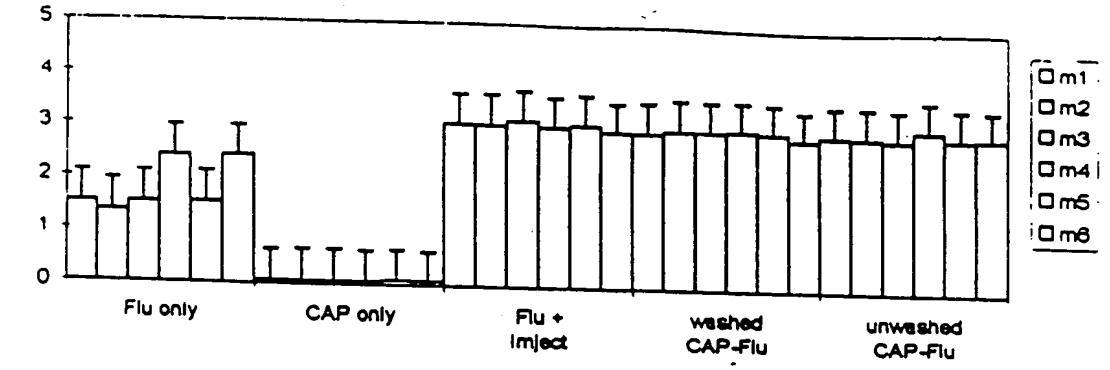
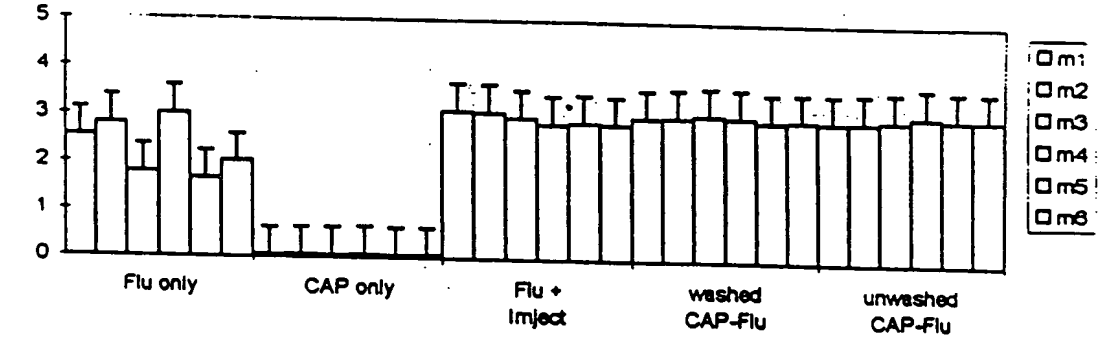


FIGURE 2

3A



3B



3C

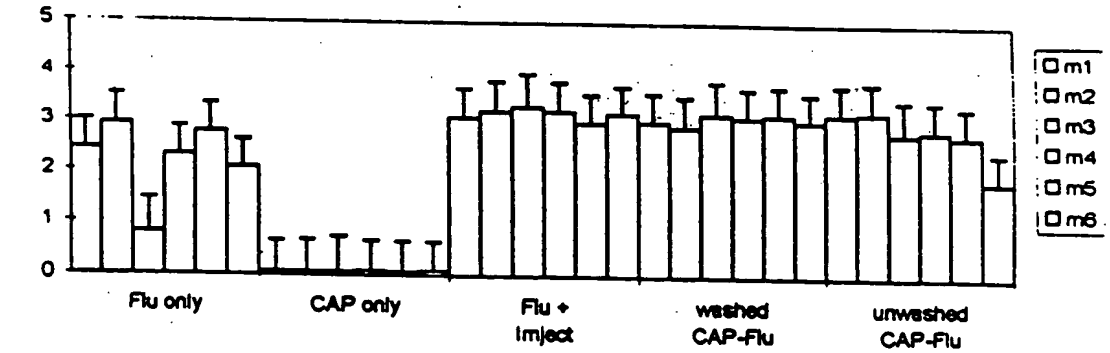
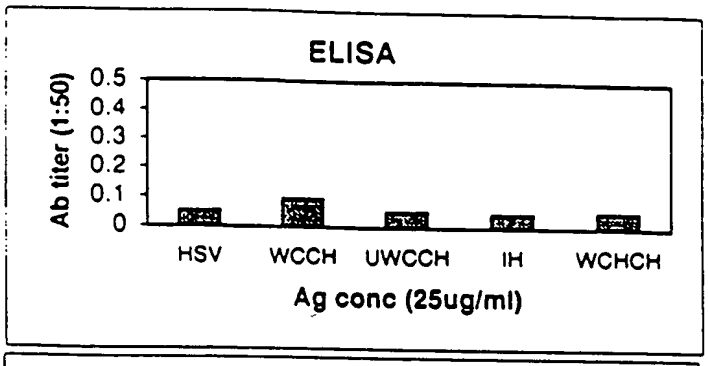


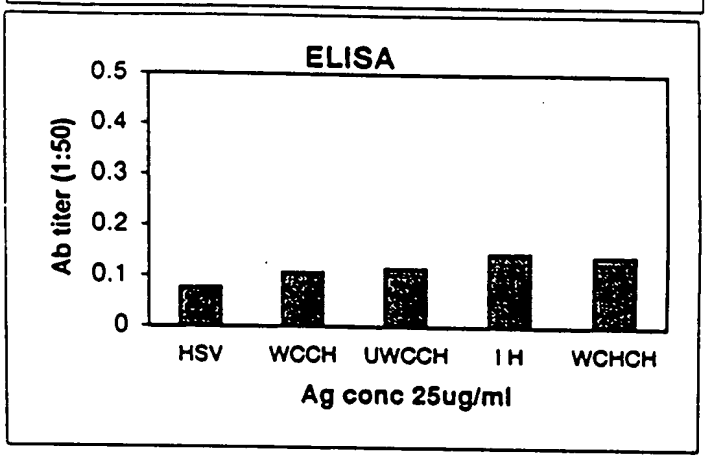
FIGURE 3

7/13/98	
HSV	0.05
WCCH	0.092
UWCCH	0.052
IH	0.047
WCHCH	0.052



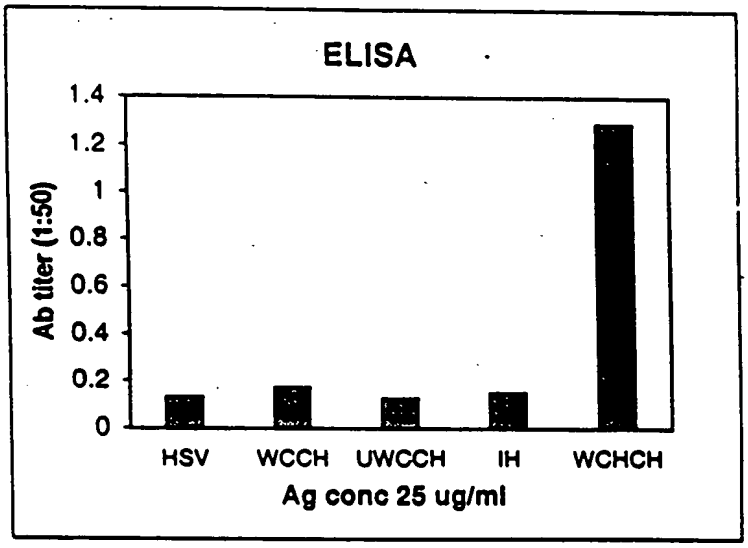
4A

7/29/98	
HSV	0.076
WCCH	0.105
UWCCH	0.114
I H	0.145
WCHCH	0.139



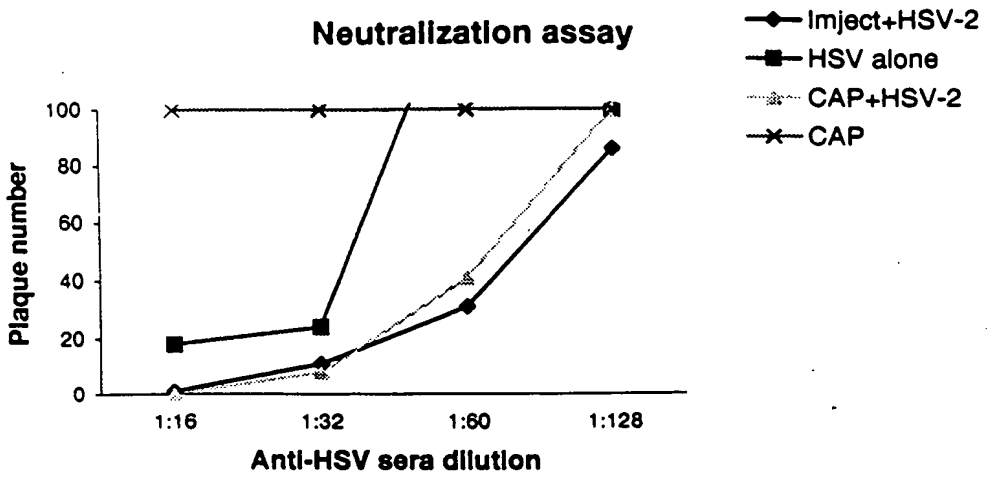
4B

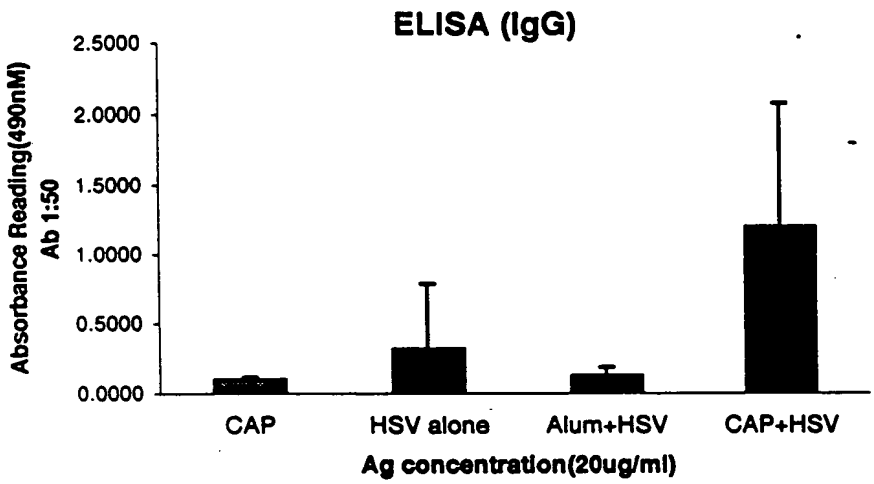
8/21/98	
HSV	0.127
WCCH	0.169
UWCCH	0.121
IH	0.146
WCHCH	1.287



4C

FIGURE 4





Note

1^. First immunization was 6/22/1998. 1st boost was 7/16/98. 2nd boost was 8/12/98

2. Each bar in graph represents the mean antibody titer of five mice in one group nine days after second boo

3. Antigen concentration for each group mouse is as follow:

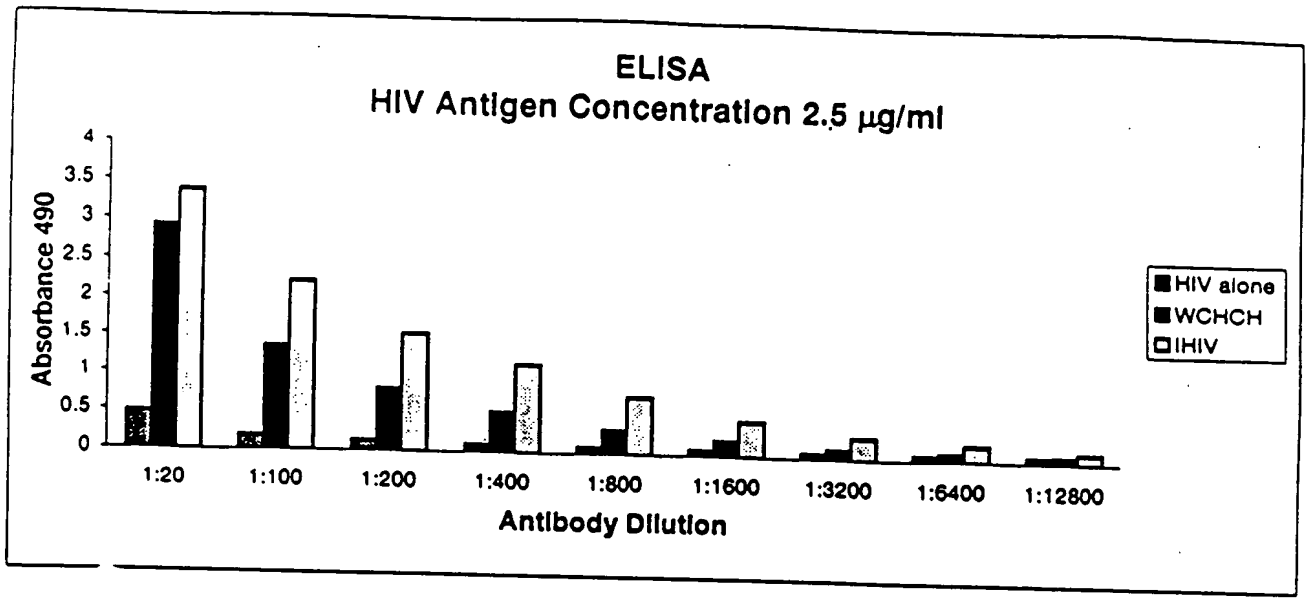
	6/22/1998^	7/16/1998^	8/12/1998^
HSV alone	44.5ug/mouse	52.5ug/mouse	129ug/mouse
IH	44.5ug/mouse	52.5ug/mouse	129ug/mouse
WCHCH	~8ug/mouse	~29.1ug/mouse	~59.2ug/mouse

4. CAP and Imject concentration for each group is as follow:

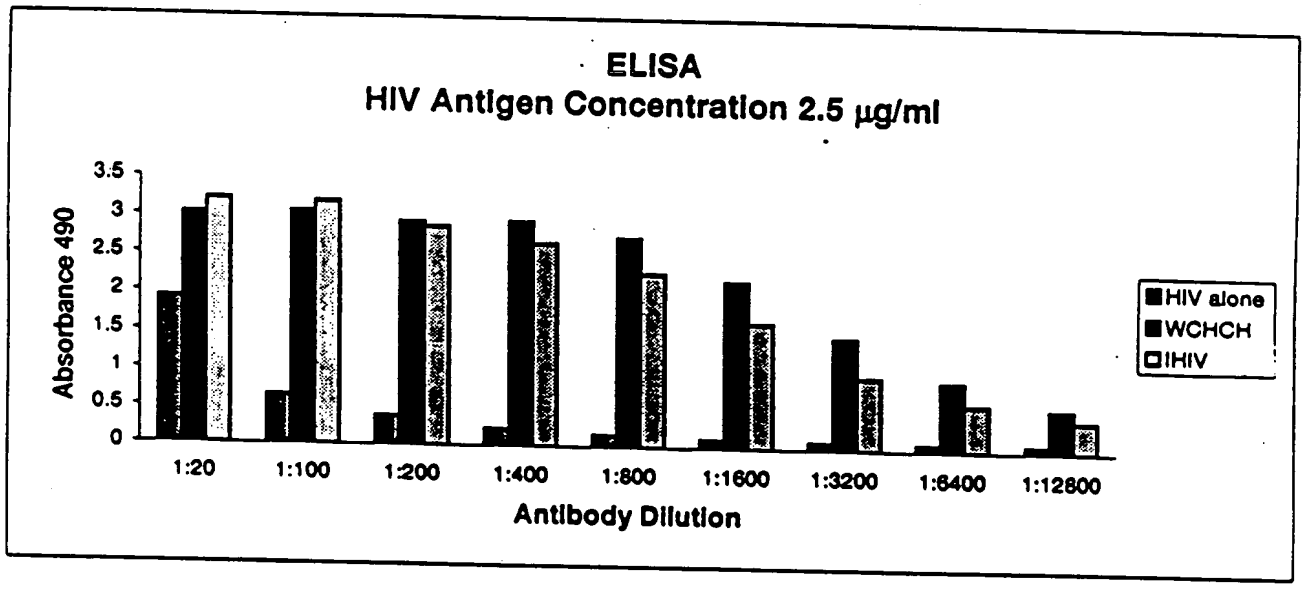
	6/22/1998^	7/16/1998^	8/12/1998^
IH	50mg/mouse	50mg/mouse	50mg/mouse
WCHCH	0.46mg/mouse	0.46mg/mouse	0.55mg/mouse

FIGURE 5

6A Represents anti-HIV antibody titer two weeks after primary injection.



6B Represents the anti-HIV antibody titer four weeks after primary injection.



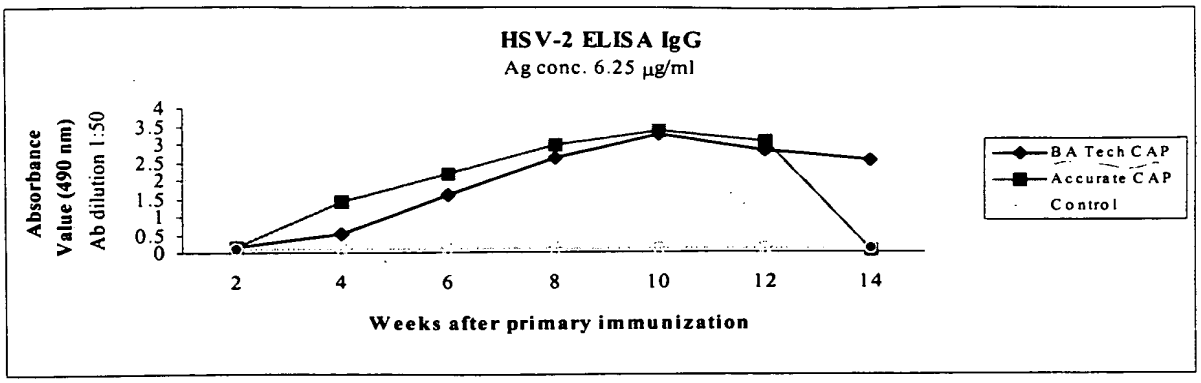
Note:

1. There are six mice in each group. The groups are: HIV alone (HIV), Cap+HIV (WCHCH), and Imject+HIV (IHIV).
2. The injection dosage for each group is as follows:

HIV:	6.9 ug HIV/ mouse
WCHCH:	9.5 ug HIV/ 0.92mg CAP/ mouse
IHIV:	6.9 ug HIV/ 50 mg Imject/ mouse

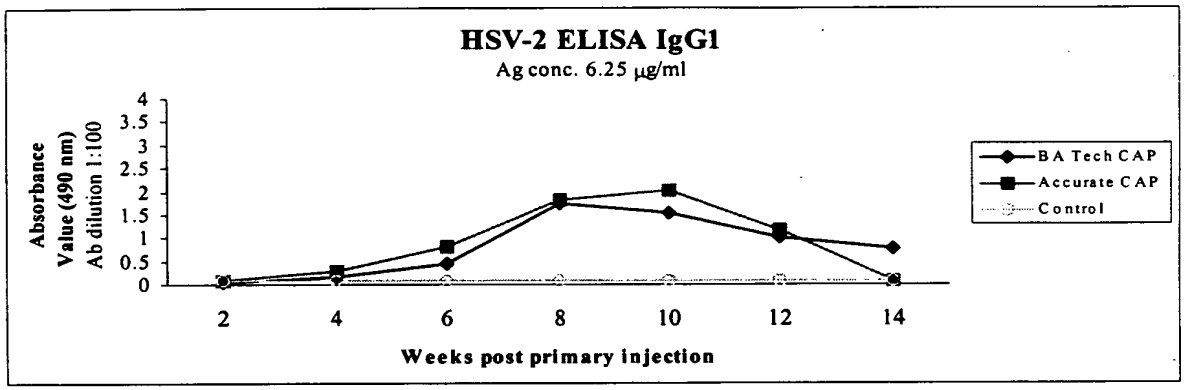
FIGURE 6

FIGURE 7A



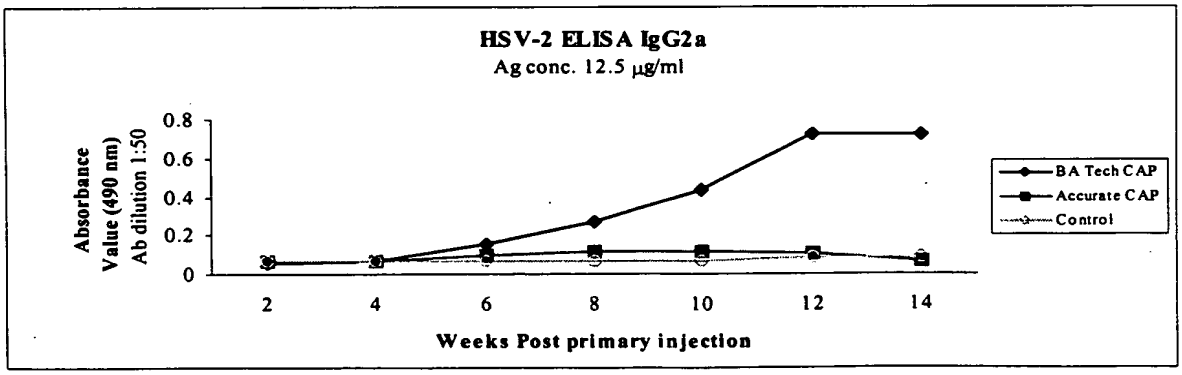
Note: Data represents pooled sera from 5 mice

FIGURE 7B



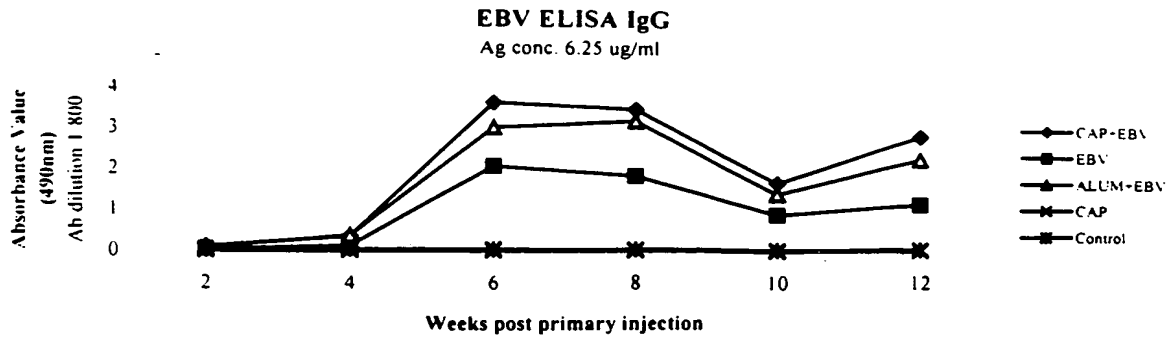
Note: Data represents pooled sera from 5 mice

FIGURE 7C

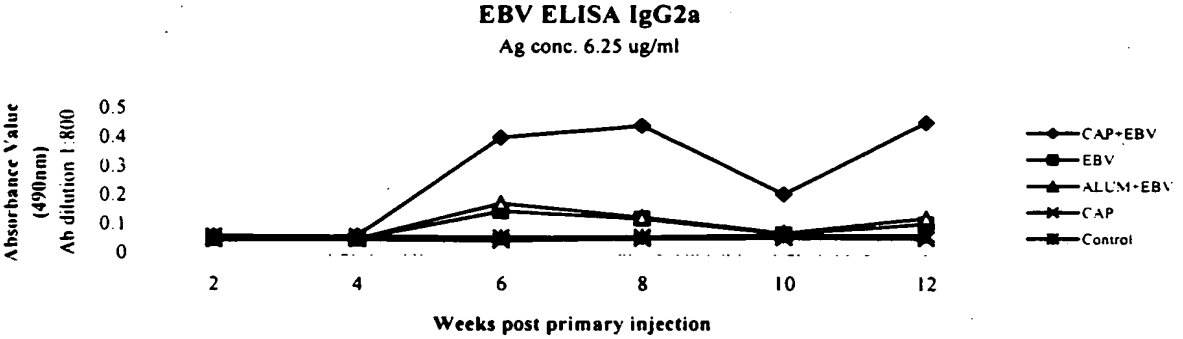


Note: Data represents pooled sera from 5 mice

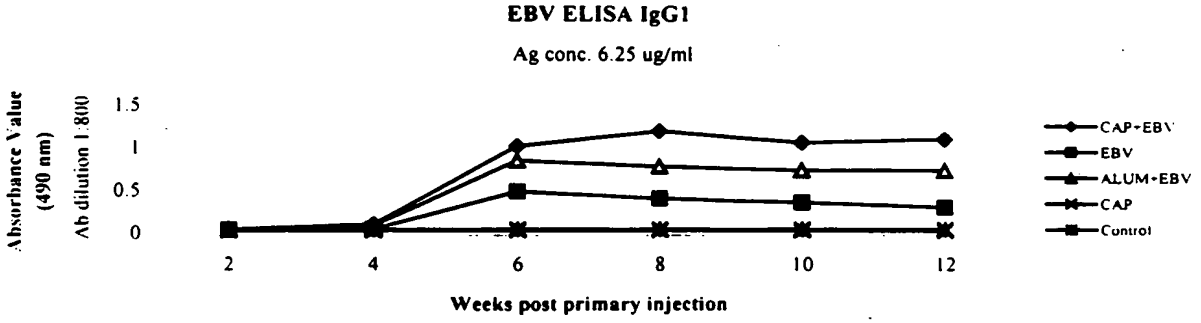
8A



8B



8C



8D

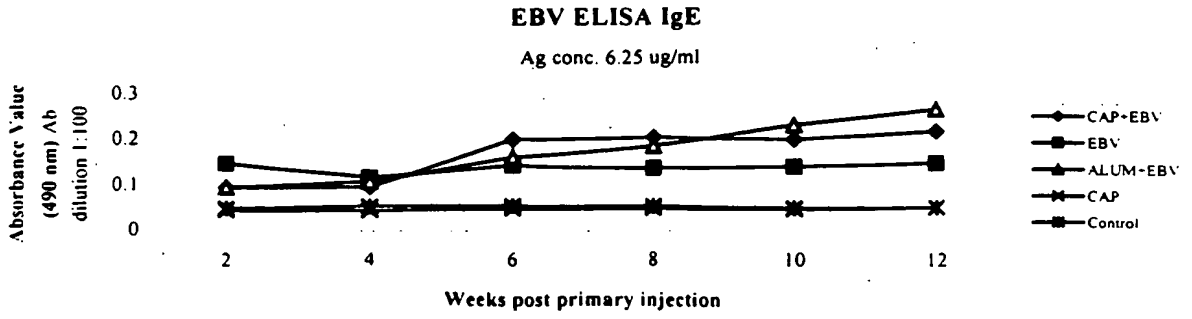
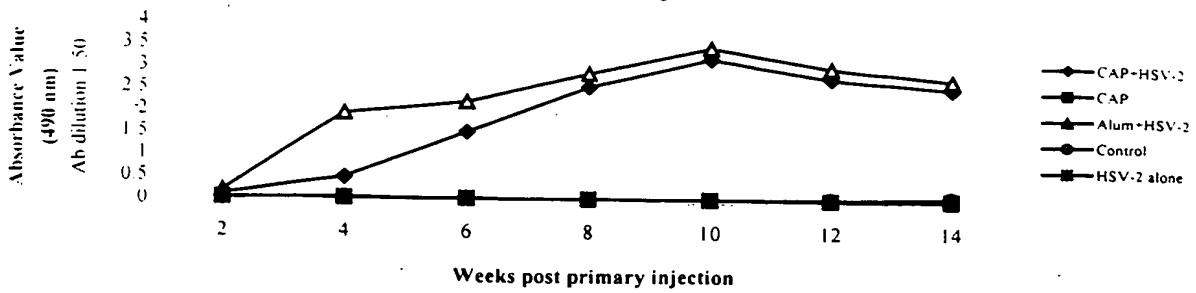
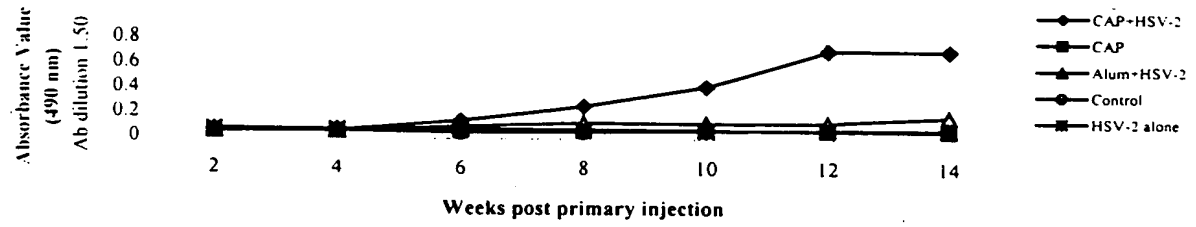


FIGURE 8

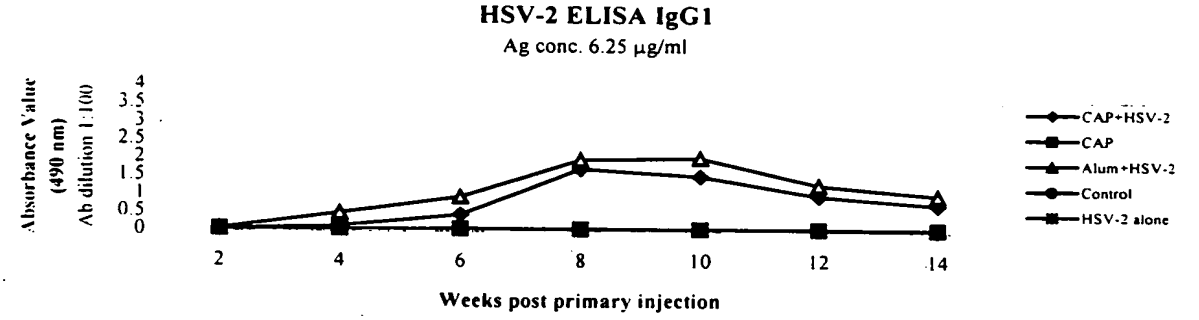
9A



9B



9C



9D

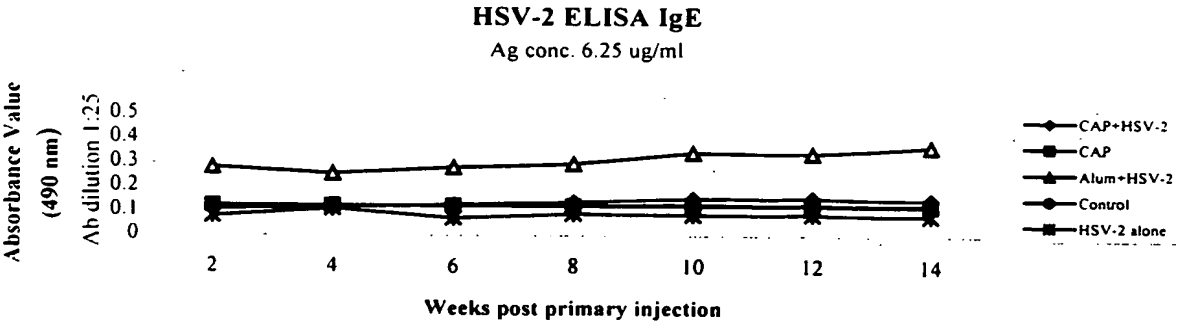
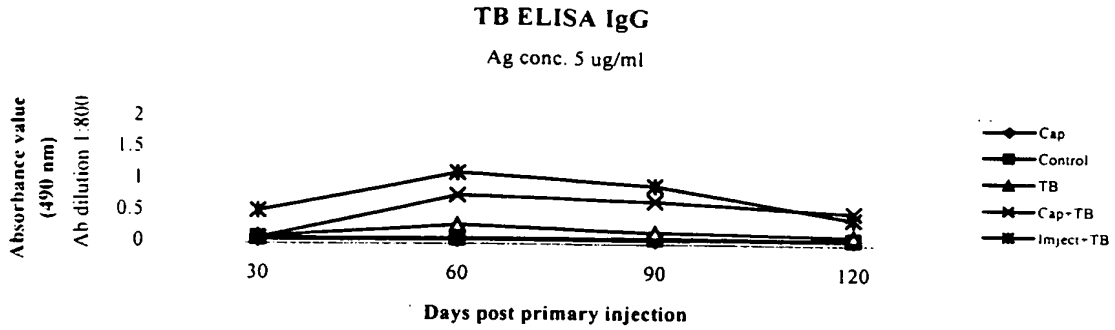
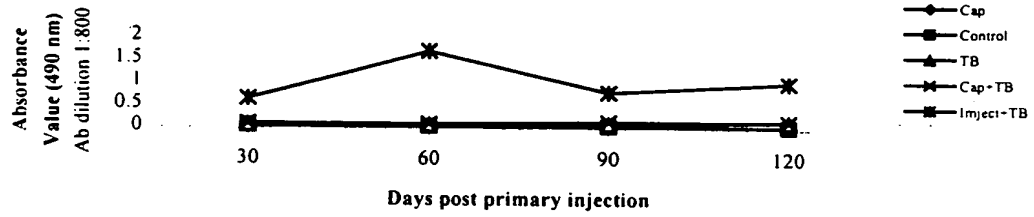


FIGURE 9

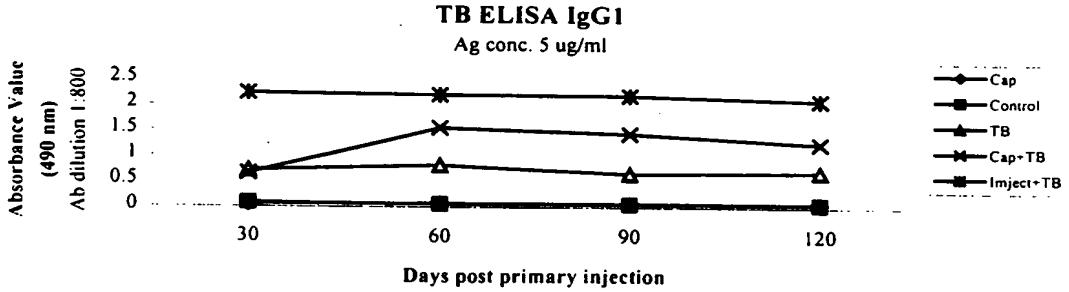
10A



10B



10C



10D

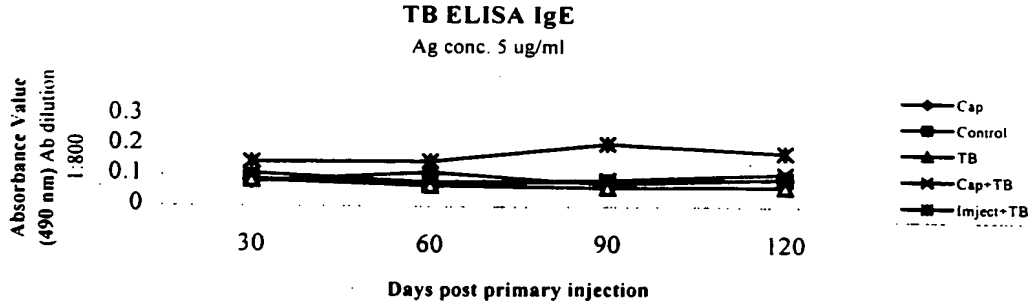
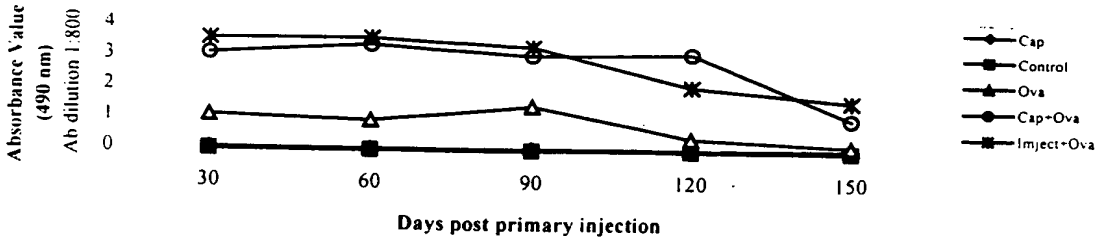
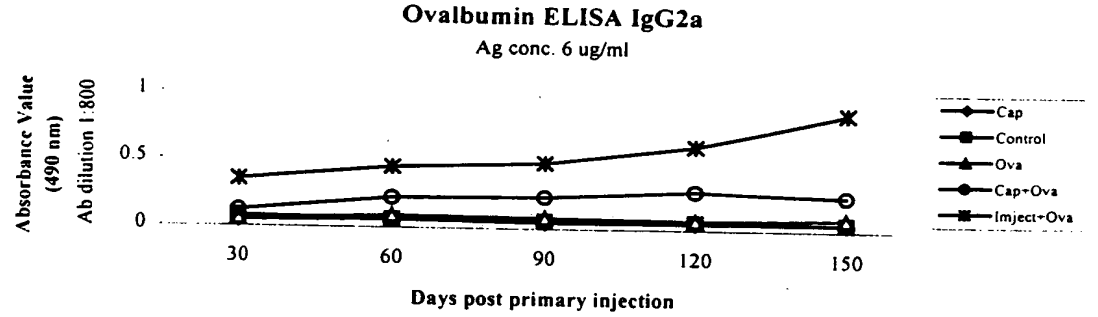


FIGURE 10

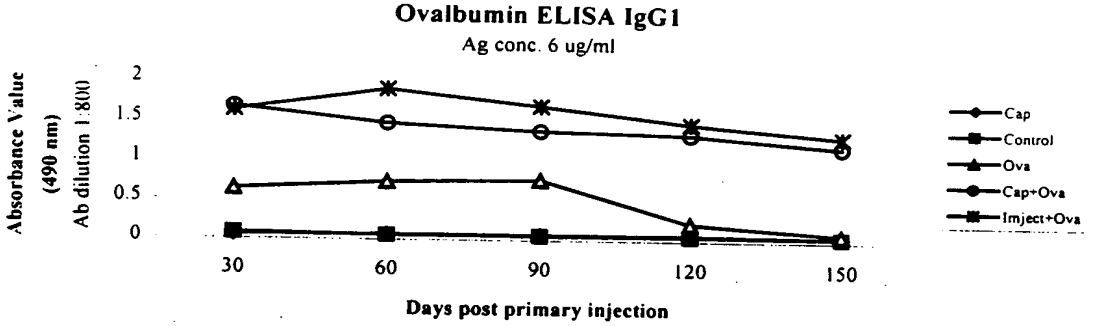
11A



11B



11C



11D

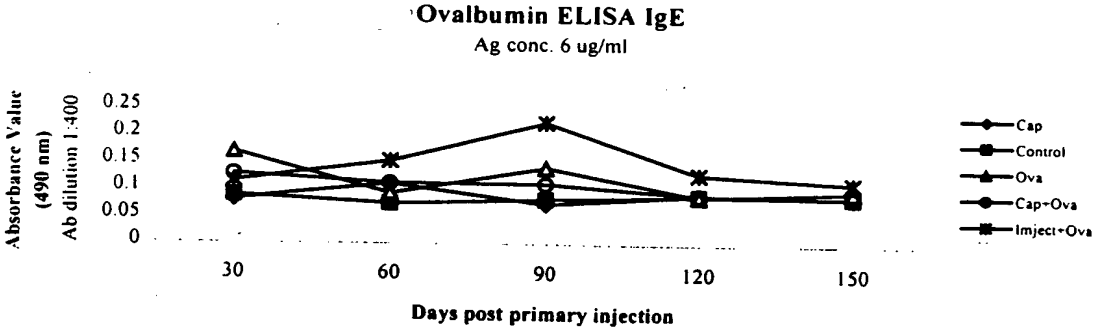


FIGURE 11

FIGURE 12

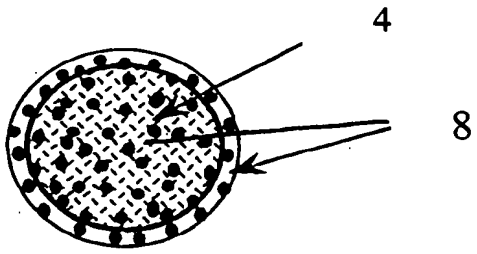


FIGURE 13A

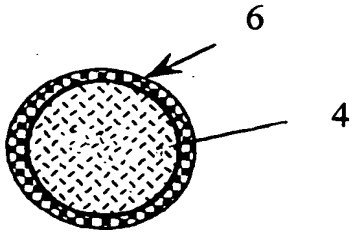


FIGURE 13B

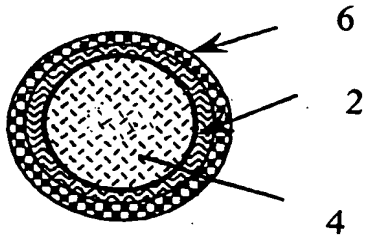


FIGURE 13C

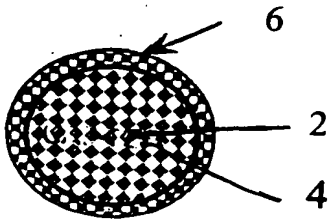
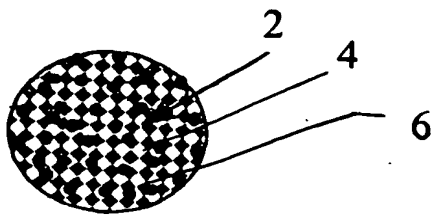


FIGURE 14



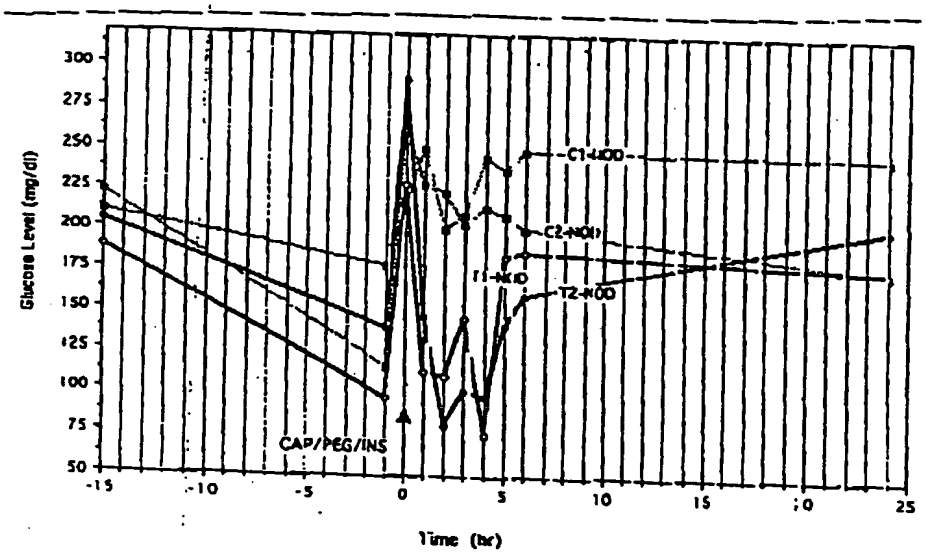

Glucose Level (mg/dl)
300
275
250
225
200
175
150
125
100
75
50
-15
-10
-5
0
5
10
15
20
25
Time (hr)
CAP/PEG/INS
C1-NOD
C2-NOD
T1-NOD
T2-NOD

FIGURE 15